



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Matti Ahlqvist et al.) Confirmation	on No.: 3008
Application No.: 10/516,422) Group Art	Unit: 1626
Filed: May 20, 2005) Examiner:	Michael P. Barke
For: NEW SALTS) Date: Marc	ch 21, 2007

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Citation of Technically Related U.S. Patent Applications

The Examiner's attention is directed to the following technically related U.S. patents or applications of Applicants' assignee:

Inventor		U.S. Serial No.	U.S. Patent No.	PCT Publication No.
		Filing Date	Issue Date	PCT Publication Date
	Inghardt et al.	10/432,411	7,129,233	WO 02/44145
		May 21, 2003	October 31, 2006	June 6, 2002
	Inghardt et al.	10/487,805	7,056,907	WO 03/018551
		February 26, 2004	June 6, 2006	March 06, 2003
	Magnusson et al.	10/516,420		WO 03/101424
		November 29, 2004	_	December 11, 2003
	Alami et al.	10/516,423		WO 03/101423
03/26/2007 LLAN	DGRA 00000041 10516422	July 25, 2005	<u></u>	December 11, 2003

02 FC:1806

180.00 DA

A copy of the specification and claims for each application, in the form of the published PCT application from which such application was filed is being filed herewith. Consideration of each listed application is earnestly solicited.

Pursuant to 37 C.F.R. 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449 form. This Information Disclosure Statement is being filed

Attorney Docket No.: 056291-5274

Application No. 10/516,422

Page 2

after the events recited in § 1.97(b) but, to the undersigned's knowledge, before the mailing date of either

a Final Office Action or a Notice of Allowance. The Commissioner is hereby authorized to charge

\$180.00, as specified by §1.17(p), to Deposit Account No. 50-0310 for this Information Disclosure

Statement under the provisions of 37 C.F.R. §1.97(c).

With the exception of U.S. Patents and Publications, copies of the listed documents are attached.

Applicants respectfully request that the Examiner initial and return the Form PTO-1449, indicating that

the information has been considered and made of record herein.

This submission does not represent that a search has been made or that no better art exists and

does not constitute an admission that each or all of the listed documents are material or constitute "prior

art." Applicants reserve the right to take appropriate action to establish the patentability of the disclosed

invention over the listed documents, should one or more of the documents be applied against the claims of

the present application.

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by

this paper to charge any additional fees during the entire pendency of this application including fees due

under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or

credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a

CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R.

§1.136(a)(3).

Respectfully Submitted,

Morgan Lewis & Bockius LLP

Date:

March 21, 2007

Morgan Lewis & Bockius LLP

Customer No. 09629

1111 Pennsylvania Avenue, N.W.

Washington, D.C. 20004

Tel. No.: 202-739-3000

By:

Gregory T. Lo

Registration No. 46,882

Tel. No.: (202) 739-5915

Fax No.: (202) 739-3001

INFORMATION DISCLOSURE CITATION

Attorney Docket No. **056291-5274**

Application No. 10/516,422

(Use several sheets if necessary)

Applicants: Matti Ahlqvist et al.

IAR 2 1 2007

PTO Form 1449 March 21, 2007

Filing Date: May 20, 2005

Group Art Unit: 1626

TIC	DA	TENT	T D	Ω CI	TAT	ENTS
U.O.	PA		ıv	uu	JIVI.	L 13 1 3

Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
	1.	4,346,078	August 24, 1982	Bajusz et al.			
	2.	5,498,724	March 12, 1996	Nystrom et al.			
•	3.	5,559,232	September 24, 1996	Ackermann et al.			
	4.	5,602,253	February 11, 1997	Antonsson et al.			
	5.	5,659,071	August 19, 1997	Nystrom et al.			
	6.	5,705,487	January 6, 1998	Schacht et al.			
	7.	5,707,966	January 13, 1998	Schacht et al.		·	
	8.	5,710,130	January 20, 1998	Schacht et al.			
	9.	5,723,444	March 3, 1998	Antonsson et al.			
	10.	5,744,487	April 28, 1998	Ohshima et al.			
	11.	5,780,631	July 14, 1998	Antonsson et al.			
	12.	5,783,563	July 21, 1998	Antonsson et al.			
	13.	4,792,452	December 20, 1998	Howard et al.			
	14.	5,856,307	January 5, 1999	Antonsson et al.			
	15.	5,939,392	August 17, 1999	Antonsson et al.			
	16.	5,965,692	October 12, 1999	Gustafsson et al.			
	17.	6,030,972	February 29, 2000	Bohm et al.			
	18.	6,051,568	April 18, 2000	Gustafsson et al.			
	19.	6,221,898	April 24, 2001	Antonsson			
	20.	6,225,287	May 1, 2001	Edvardsson et al.			
	21.	6,255,301	July 3, 2001	Gustafsson et al.			
	22.	6,262,028	July 17, 2001	Antonsson et al.			
	23.	6,265,397	July 24, 2001	Karlsson et al.			
	24.	6,337,346	January 8, 2002	Gustafsson et al.			
	25.	6,337,394	January 8, 2002	Karlsson et al.			
	26.	6,433,186	August 13, 2002	Inghardt et al.			
	27.	6,440,937	August 27, 2002	Baucke et al.			
	28.	6,440,939	August 27, 2002	Edvardsson et al.			
	29.	6,444,817	September 3, 2002	Bohm et al.			
	30.	6,455,671	September 24, 2002	Bohm et al.			
	31.	6,479,078	November 12, 2002	Hedstrom et al.			
	32.	6,521,253	February 18, 2003	Forsman et al.			
	33.	6,576,657	June 10, 2003	Karlsson et al.			
	34.	6,576,245	June 10, 2003	Lundgren et al.			
	35.	6,599,894	July 29, 2003	Inghardt et al.			
				0			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-Class	Translation
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFOL	INFORMATION DISCLOSURE CITATION		Attorney Docket No. 056291-5274		Application No. 10/516,422		
1112		se several sheets if nec		Applicants: Matt	***************************************		
		PTO Form 1449 March 21, 2007		Filing Date:	May 20, 2005	Grouj	p Art Unit: 1626
			U.S. PA	TENT DOCUME	NTS		
Initial		Document No.	Date	Nan		s Sub-Class	Filing Date
	36.	6,617,320	September 9, 200	3 Gustafsso	on et al.		
	37.	6,660,279	December 9, 2003				
	38.	6,716,834	April 6, 2004	Andersso			
	39.	6,750,243	June 15, 2004	Inghardt			
	40.	6,838,478	January 4, 2005				
	41.	6,875,446	April 5, 2005	Forsman			
	42.	6,888,007	May 3, 2005	Edvardsso			
	43.	6,921,758	July 26, 2005	Gustafsso			
	44.	6,984,627	January 10, 2006				
	45.	6,998,136	February 14, 2000				. <u>-</u>
	46.	7,056,907	June 6, 2006	Inghardt			· · · · · · · · · · · · · · · · · · ·
	47.	7,129,233	October 31, 2006				· .
	48.	20040019033	January 29, 2004			_	
	49.	20040242492	December 2, 2004	4 Inghardt	et al.		
	لــــــــــــــــــــــــــــــــــــــ	L			L	· l	· · · · · · · · · · · · · · · · · · ·
			FOREIGN	PATENT DOCU	MENTS		
		Document No.	Date	Coun	· · · · · · · · · · · · · · · · · · ·	s Sub-Class	Translation
	50.	EP 0185390	October 2, 1991	Euro			Claims
	51.	EP 0195212	November 24, 199		^ 		
	52.	EP 0293881	March 10, 1993	Euro	pe		
	53.	EP 0362002	July 26, 1995	Euro	pe	•	
	54.	EP 0364344	May 6, 1998	Euro	pe		
	55.	EP 0468231	September 21, 199		pe		Claims
	56.	EP 0526877	February 10, 1993	3 Euro	pe		
	57.	EP 0530167	March 3, 1993	Euro	pe		
	58.	EP 0539059	April 28, 1993	Euro			
	59.	EP 0542525	July 8, 1998	Euro			
	60.	EP 0559046	July 11, 2001	Euro		1	Claims
	61.	EP 0641779	March 8, 1995	Euro	<u> </u>	•	US 5,559,232
	62.	EP 0648780	April 19, 1995	Euro			
	63.	EP 0669317	September 4, 2002				
	64.	EP 0672658	September 17, 200				
	65.	EP 0686642	December 13, 199				
	66.	EP 0773955	April 16, 2003	Euro			Claims
	67.	JP 57149217	September 14, 198				Abstract
	68.	WO 93/11152	June 10, 1993	WIP			
.	69.	WO 93/18060	September 16, 199			- · · 	
	70.	WO 94/29269	December 22, 199			-	
	71.	WO 94/29336	December 22, 199	4 WIP	0.		
· · · · · · · · · · · · · · · · · · ·	- -	OTHER DO	OCUMENTS (Includ	ling Author, Title,	Date, Pertinent P	ages, etc.)	
Examiner			Date C	onsidered			
		if reference considered not considered. Include				9; draw line th	rough citation if not in

1-WA/2718327.1 2 of 4

Application No. Attorney Docket No. 056291-5274 10/516,422 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Applicants: Matti Ahlqvist et al. PTO Form 1449 Filing Date: May 20, 2005 Group Art Unit: 1626 March 21, 2007 FOREIGN PATENT DOCUMENTS Class Sub-Class Document No. Date Translation Country 72. WO 95/23609 September 8, 1995 WIPO 73. WO 95/35309 December 28, 1995 WIPO US 6,455,671 WO 96/03374 February 8, 1996 WIPO 74. August 22, 1996 WIPO US 6,444,817 75. WO 96/25426 US 6,030,972 WIPO 76. WO 96/26717 September 6, 1996 77. WO 96/31504 October 10, 1996 WIPO 78. WO 96/32110 October 17, 1996 **WIPO** January 23, 1997 WIPO 79. WO 97/02284 July 3, 1997 WIPO 80. WO 97/23499 October 30, 1997 WIPO WO 97/39770 81. 82. WO 97/46577 December 11, 1997 WIPO WO 97/49404 December 31, 1997 **WIPO** 83. 84. WO 98/01422 January 15, 1998 WIPO February 19, 1998 WIPO US 6,440,937 WO 98/06740 85. April 23, 1998 WIPO 86. WO 98/16252 87. WO 98/57932 December 23, 1998 WIPO May 6, 1999 WIPO 88. WO 99/21586 89. WO 99/29305 June 17, 1999 WIPO WIPO 90. WO 99/29664 June 17, 1999 91. WO 99/39698 August 12, 1999 WIPO WIPO 92. WO 00/12043 March 9, 2000 93. March 16, 2000 WIPO WO 00/13671 March 16, 2000 94. WIPO WO 00/13710 95. WO 00/14110 March 16, 2000 WIPO 96. WO 00/35869 June 22, 2000 WIPO 97. WO 00/42059 July 20, 2000 WIPO 98. WO 01/02426 January 11, 2001 WIPO 99. WO 01/87879 November 22, 2001 WIPO February 21, 2002 100. WO 02/14270 WIPO WO 02/19990 March 14, 2002 101. WIPO 102. WO 02/44145 June 6, 2002 WIPO 103. WO 03/000293 January 3, 2003 WIPO March 06, 2003 WIPO 104. WO 03/018551 WO 03/101423 December 11, 2003 105. WIPO WO 03/101424 106. December 11, 2003 **WIPO** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) 107. Baveja et al. "Zero-order release hydrophilic matrix tablets of beta-adrenergic blockers" International Journal of Pharmaceutics 39:39-45 (1987) 108. Bonferoni et al. "On the employment of lambda-carrageenan in a matrix system. II. Lambda-Carrageenan and hydroxypropylmethylcellulose mixtures" J. Controlled Release 30:175-182 (1994) 109. Berge et al. "Pharmaceutical Salts" J. of Pharmaceutical Sciences 66(1): 1-19 (1977) Examiner Date Considered Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in

1-WA/2718327.1 3 of 4

conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION		Attorney Docket No. 056291-5274			Application No. 10/516,422			
(Use several sheets if necessary)			Applicants: Matti Ahlqvist et al.					
	PTO Form 1449 March 21, 2007				Filing Date: May 20, 20	005	Grou	o Art Unit: 1626
			U.S. PA	TEN'	T DOCUMENTS			
Initial		Document No.	Date		Name	Class	Sub-Class	Filing Date
	ļ						<u> </u>	· · · · - · · · · · · · · · · · · · · ·
						 		
						<u> </u>	-	
			FOREIGN	PAT	ENT DOCUMENTS	•		
		Document No.	Date		Country	Class	Sub-Class	Translation
	ļ							
							-	· · · · · · · <u>-</u>
								· · · · · · · · · · · · · · · · · · ·
	· 	OTHER DO	CUMENTS (Includ	ling A	Author, Title, Date, Per	tinent Pa	ges. etc.)	
	110.				carrageenan in a matrix			rrageenan and
					rolled Release 30:175-18			
	111.	Ham-Yong Park et al.	'Effect of pH on Dru	g Rel	lease From Polysacchario	de Tablets	" Drug Deliv	very 5:13-18 (1998)
	112.	European J Pharmaceut			nicrocrystalline cellulose	and its fi	inctionality i	or making tablets"
	113.				m as a potential excipien	t for oral	controlled-re	lease matrix tablet
					tics 169(1):105-113 (19			
		CAS RN 159776-70-2						
		CAS RN 192939-72-3						
	116.	CAS RN 30318-53-4 N	lovember 2000					
								
				-				
	ļ		<u> </u>					
	 							
							••	
								
	<u> </u>					-	<u> </u>	
Examiner			Date C	onsid	lered			
					s in conformance with M		draw line th	rough citation if not in

1-WA/2718327.1 4 of 4